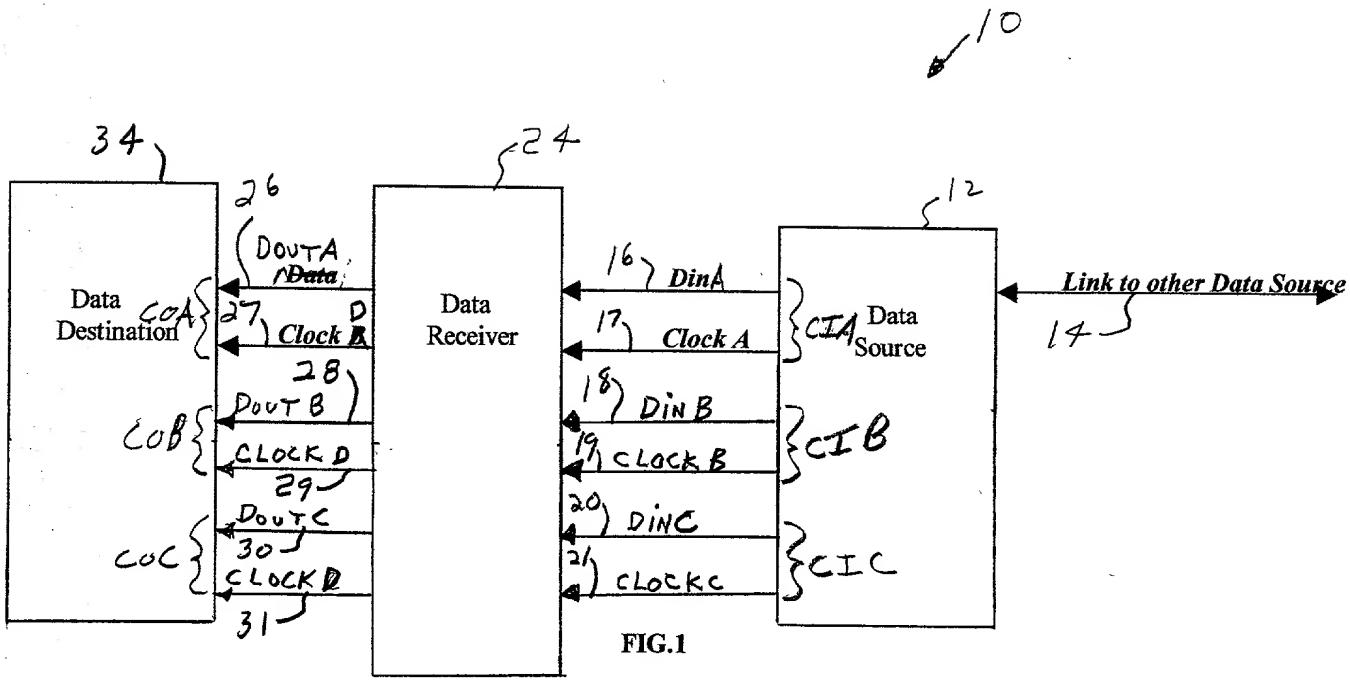
10
34
24
12
26
DOUTA
Data
Data Destination
COA
27
Clock A
Data Receiver
16
DinA
17
Clock A
CIA
Data Source
Link to other Data Source
14
28
DOUT B
18
DIN B
COB
CLOCK D
19
CLOCK B
CIB
29
DOUT C
20
DINC
COC
30
CLOCK D
21
CLOCKC
CIC
31

FIG.1

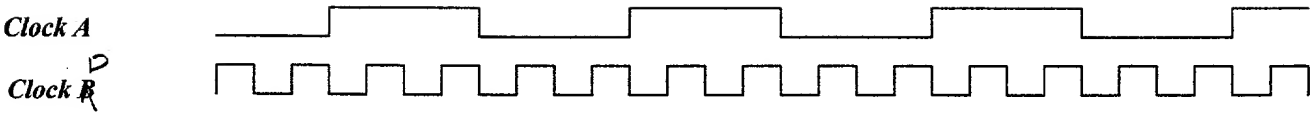

FIG.2

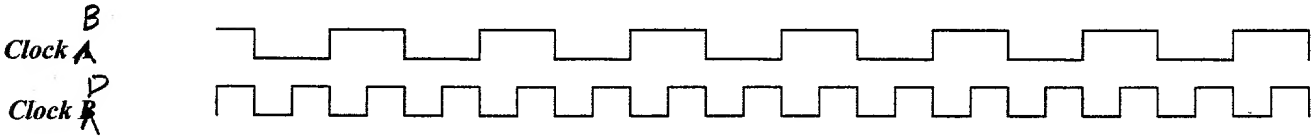

FIG.3

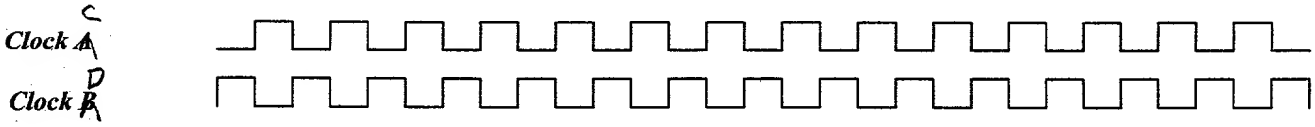

FIG.4

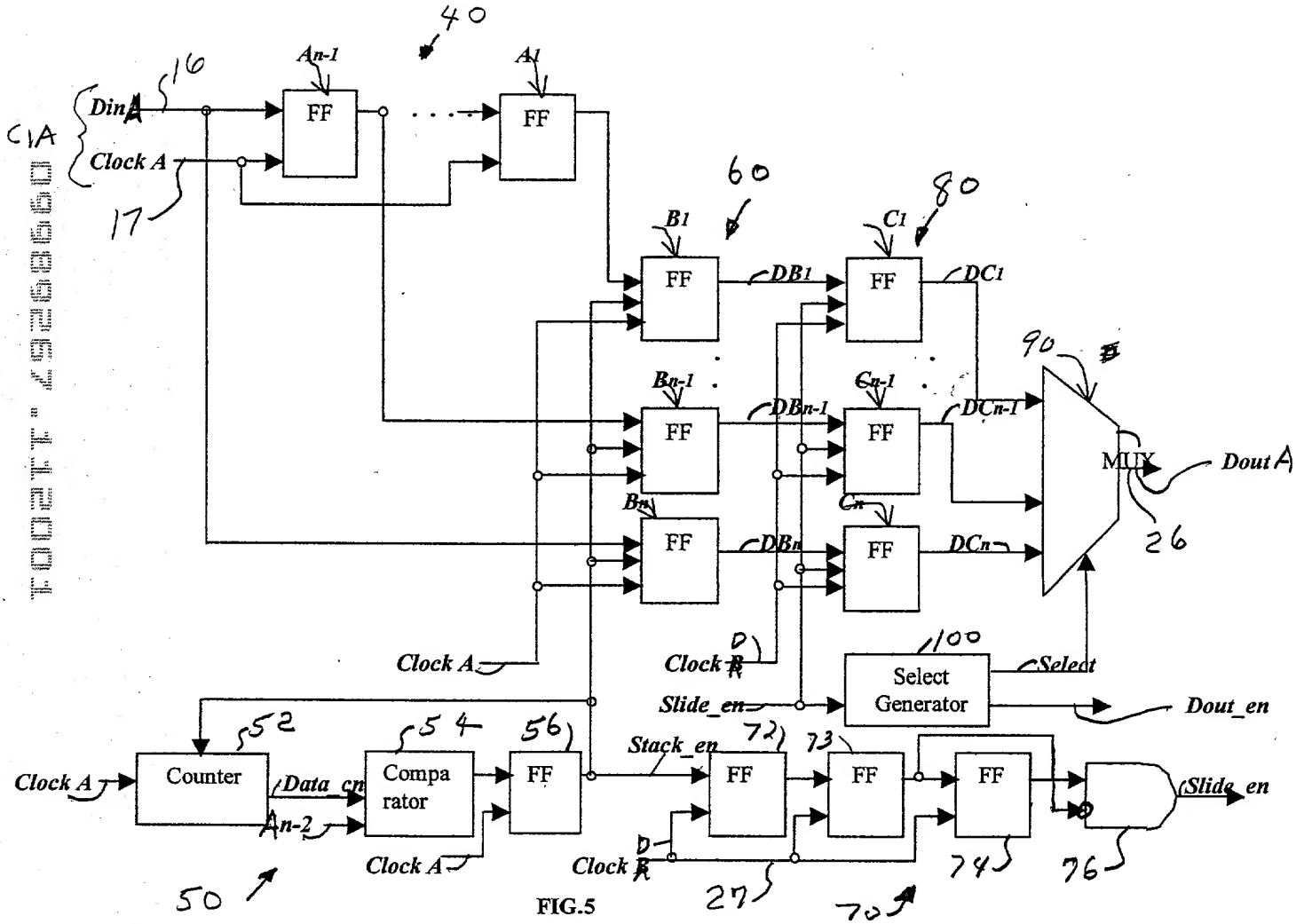
40
16
An-1
A1
Din A
Clock A
17
FF
FF
60
80
B1
C1
FF
DB1
FF
DC1
90
Bn-1
Cn-1
DBn-1
DCn-1
MUX
Dout A
26
Bn
Cn
FF
DBn
FF
DCn
Clock A
Clock B
100
Select Generator
Select
Slide_en
Dout_en
52
54
56
72
73
Clock A
Counter
Data_cn
An-2
Compa rator
FF
Stack_en
FF
FF
FF
Slide_en
Clock A
Clock B
50
27
70
74
76

FIG.5

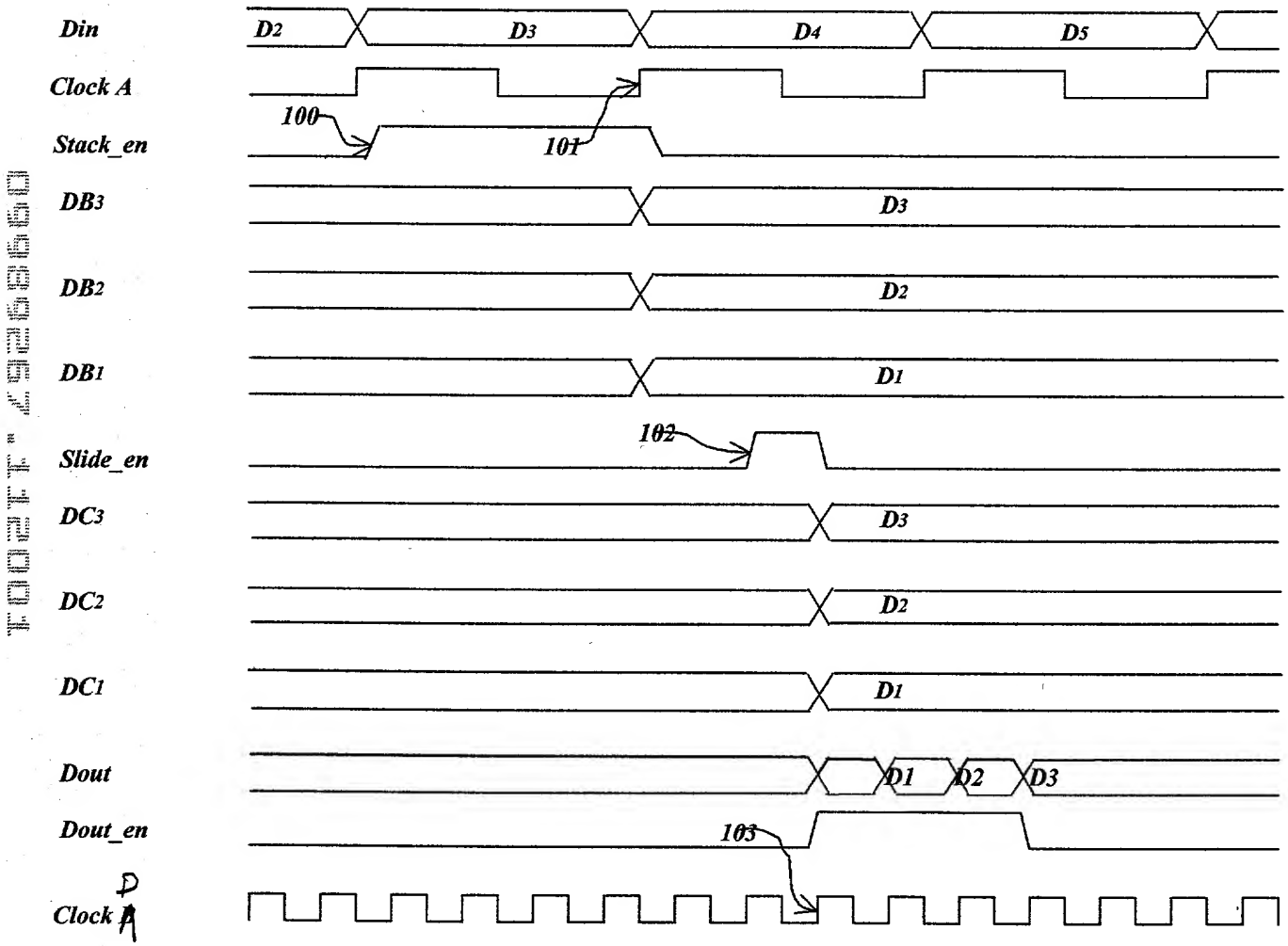
Din
D2
D3
D4
D5
Clock A
100
Stack_en
101
DB3
D3
DB2
D2
DB1
D1
102
Slide_en
DC3
D3
DC2
D2
DC1
D1
Dout
D1
D2
D3
Dout_en
103
Clock B

FIG.6